GRAVEX®
GR 4-9 N
LITHIUM-7/HYDROXIDE
FORMS

SPEC NO | GTS-49-N
REV NO | 5
DATE | April 25, 2001
QA APPROVAL | Keith Platoff

PROPERTIES
Resin Type
Strongly Acidic Gel Cation Exchange Resin
Strongly Basic Type 1 Gel Anion Exchange Resin
Functionality
Sulfonic Acid
Quaternary Ammonium
Matrix
Styrene-Divinylbenzene
Cation : Anion Ratio
1:1 Equivalents
Total Exchange Capacity
Cation 1.6 meq/mL (Lithium-7 Form) (min)
Anion 1.1 meq/mL (Hydroxide Form) (min)
Percent of Sites
99% Lithium-7 (min)
97% Hydroxide (min)
0.1% Chloride (max)
Particle Size
5 % plus 16 mesh (max)
5% minus 40 mesh (max)
0.5% minus 50 mesh (max)
Metals (mg/dry kg)
Na 50
Fe 50
Cu 10
Pb 10
Al 50
Ca 50
Mg 50
K 50
Zn 50
SiO₂ 50
Shipping Weight
43 lbs/ft³ (689 g/L)